AT A GLANCE

National Semi Acquires Cyrix 1 As part of National Semiconductor, Cyrix will have access to both National's huge fab and its Intel patent license, boosting the prospects for the 6x86MX and MediaGX. National plans to combine its super I/O and peripheral logic with the MediaGX to create superintegrated processors for low-end PCs and PC appliances. Over the past 10 years, Intel has become more dominant, but the industry is as litigious as ever. Microprocessor technology has changed faster than any of the business dynamics. Intel's 440LX is first AGP chip set; Intel snarfs Chips and Technologies; Diba enters Sun's orbit; Pentium Pro gains 1M cache; Samsung puts Alpha into production; Toshiba samples R4300 chips. As expected, Intel has sued Digital for patent infringement in response to Digital's suit against Intel. By combining its suit with Digital's, however, Intel seems to be signaling a willingness to negotiate a patent cross-license agreement that would settle both suits. Deschutes to Come in Slot 1, Slot 2..... 10 Intel revealed some details of Slot 2, which will provide Pentium II with bigger, faster caches in a new form factor, due in mid-1998. While Slot 2 targets servers, PCs will continue to use Slot 1. Both slots will move to a 100-MHz system bus in 1998. Looking Back on 10 Years of MPR 11 Michael Slater provides a personal history of MicroDesign Resources and Microprocessor Report, from founding the company using funds from his credit cards through its acquisition by Ziff-Davis. Special 10th Anniversary Section This section features excerpts from the past 10 years of Microproces*sor Report,* grouped into the following sections: The Slater Perspective: Are Single-Chip PCs Finally Coming? 27 Several companies have developed highly integrated PC processors in the past, but few have been successful in the market. With recent changes in the PC market, however, the time may be right.

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